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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 2

Complete if Known

Application Number	10/072,164
Filing Date	February 7, 2002
First Named Inventor	Mira Ben-Tzur
Group Art Unit	2826
Examiner Name	not yet known
Attorney Docket Number	10002.000400 (PM01045)

U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
VAMS	A	6,290,864	B1	Patel, et al.	September 18, 2001	
	B	6,254,792	B1	Van Buskirk, et al.	July 3, 2001	
	C	6,271,145	B1	Toda	August 7, 2001	
	D	6,197,610	B1	Toda	March 6, 2001	
	E	5,716,495	B1	Butterbaugh, et al.	February 10, 1998	
	F	5,534,107	B1	Gray, et al.	July 9, 1996	
	G	5,354,418	B1	Okudaira, et al.	October 11, 1994	
	H	5,030,319	B1	Nishino, et al.	July 9, 1991	
	I	4,749,440	B1	Blackwood, et al.	June 7, 1988	
	J	4,498,953	B1	Cook, et al.	February 12, 1985	
	K	4,180,488	B1	Winters	February 26, 1980	
	L	5,726,480	B1	Pister	March 10, 1998	
	M	4,789,648	B1	Chow, et al.	December 8, 1988	
	N	5,262,354	B1	Cote, et al.	November 16, 1993	
	O	4,944,836	B1	Beyer, et al.	July 31, 1990	
	P	4,956,313	B1	Cote, et al.	September 11, 1990	
	Q	5,676,587	B1	Landers, et al.	October 14, 1997	
	R	5,453,839	B1	Cronin, et al.	September 26, 1995	
	S	5,397,741	B1	O'Connor, et al.	March 14, 1995	
	T	5,312,777	B1	Cronin, et al.	May 17, 1994	

FOREIGN PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ₀
		Office ³	Number ⁴	Kind Code ⁵ (if known)				

Examiner
Signature

Victor A. Mandale

Date
Considered

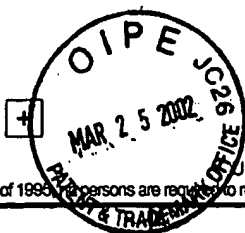
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¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 18 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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Substitute for form 1449A/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Application Number	10/072,164
				Filing Date	February 7, 2002
				First Named Inventor	Mira Ben-Tzur
				Group Art Unit	2816
				Examiner Name	not yet known
Sheet	2	of	2	Attorney Docket Number	10002.000400 (PM01045)

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
VAM	U	H.F. WINTERS and J. W. COBURN, The etching of silicon with XeF ₂ vapor, Appl. Phys. Lett. January 1979, pgs. 70-73, Vol. 34, No. 1, IBM Research Lab, San Jose, California, USA.	
	V	V.S. ALIEV and V.N. KRUCHININ, Development of Si (100) surface roughness at the initial stage of etching in F ₂ and XeF ₂ gases: ellipsometric study, Surface Science 442 (1999) pgs 206-214, Elsevier Science, Novosibirsk, Russia.	
	W	F.A. HOULE, Dynamics of SiF ₄ desorption during etching of silicon by XeF ₂ , J. Chem. Phys. August 1987, pgs. 1866-1872, Vol. 87, No. 3, IBM Research Center, San Jose, California, USA.	
	X	D.E. IBBOTSON, J.A. MUCHA, and D.L. FLAMM, J.M. COOK, Plasmaless dry etching of silicon with fluorine-containing compounds, J. Appl. Phys., 15 November 1984, pgs. 2939-2942, Vol. 56, No. 10, AT&T Bell Laboratories, Murray Hill, New Jersey, and Allentown, Pennsylvania, USA.	
	Y	DALE E. IBBOTSON, DANIEL L. FLAMM, JOHN A. MUCHA, AND VINCENT M. DONNELLY, Comparison of XeF ₂ and F-atom reactions with Si and SiO ₂ , Appl. Phys. Lett. 15 June 1984, pgs. 1129-1131, Vol. 44, No. 12, AT&T Bell Laboratories, Murray Hill, New Jersey, USA.	
	Z	CHUNG-HUI CHEN, YEAN-KUEN FANG, CHIH-WEI YANG, and C.S. TANG, A Deep Submicron CMOS Process Compatible Suspending High-Q Inductor, IEEE Electron Device Letters, 11 November 2001, pgs. 522-523, Vol. 22, No. 11, Taiwan R.O.C.	
	AA	THOMAS E. WADE, Gas Dome System, Provides Unity-K Dielectric, Semiconductor International, pgs. 125, 126, 128, 130, and 133, University of South Florida, Tampa, Florida, USA.	
	BB	KARL BOHRINGER, EE 539 Autumn 1999, Slide 1-14 [retrieved on 2001-11-20]. Retrieved from the internet: <URL: http://www.ee.washington.edu/class/539/Lectures/lecture3/sld001-014.html>.	

Examiner Signature	<i>Victor A. Mandelberg</i>	Date Considered	8-12-04
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